

**NC\_001321 — fin whale (16398 bp)**  
 LCS with gap/mismatch penalty of -1

<b>score</b>	<b>NC</b>	<b>bp</b>	<b>common name</b>
14014	NC_001601	16402	blue whale
12688	NC_006928	16408	brydes whale
10489	NC_023889	16386	killer whale
9257	NC_024820	16433	giraffe
9211	NC_010638	16773	snow leopard
9158	NC_005212	17047	cheetah
9136	NC_001700	17009	cat
9115	NC_001602	16797	grey seal
9006	NC_020669	17112	striped hyena
8912	NC_001788	16670	wild ass
8896	NC_000845	16613	wild boar
8501	NC_009692	16431	sea otter
8382	NC_020648	16538	striped skunk
8337	NC_008092	16729	gray wolf 1
8317	NC_002008	16727	dog
8315	NC_012920	16569	human
8313	NC_009686	16757	gray wolf 2
8306	NC_011137	16565	neanderthal
8273	NC_027956	16721	african golden wolf
8079	NC_035817	16490	finlaysons squirrel
7999	NC_022429	16637	spectral bat
7946	NC_002369	16507	red squirrel
7849	NC_002078	16816	aardvark
7733	NC_021386	16580	long-tailed chinchilla
7721	NC_027932	16232	harvest mouse
7710	NC_016428	16263	striped field mouse
7648	NC_024052	16965	diana tarsier
7577	NC_001645	16364	gorilla
7499	NC_001644	16563	bonobo
7380	NC_002083	16499	orangutan
7336	NC_000884	16801	guinea pig
7315	NC_025222	16560	tonkean macaque
6948	NC_003322	16996	common wombat
6551	NC_001610	17084	virginia opossum
6538	NC_000891	17019	platypus
6438	NC_005958	16016	alligator lizard
6414	NC_023520	16773	sand tiger shark
6406	NC_010570	16433	pirarucu
6399	NC_030247	16603	labeonin
6394	NC_028290	16565	atlantic sturgeon

<b>score</b>	<b>NC</b>	<b>bp</b>	<b>common name</b>
6330	NC_031807	16581	common carp
6314	NC_009830	16434	powderblue surgeonfish
6285	NC_011943	16502	starry triggerfish
6282	NC_022415	16744	white shark
6233	NC_020336	16525	tiger tail seahorse
6201	NC_009064	16703	indo-pacific sergeant
6162	NC_027857	16551	bandit angelfish
6139	NC_024853	16509	moonlighter fish
6119	NC_011180	16825	flat needlefish
6114	NC_006887	16375	tiger salamander
6106	NC_036391	16513	yellow bullhead
6095	NC_005797	16369	axolotl
6014	NC_004390	16508	tapetail
5975	NC_004380	16479	goosefish
5948	NC_008668	16778	ray-finned fish
5912	NC_011947	16441	spiny tailed leatherjacket
5903	NC_003190	16715	john dory
5878	NC_020346	17098	greenspot goby
5821	NC_026308	17298	baja california brush lizard
5818	NC_028018	16653	white char
5765	NC_018033	16683	blood pheasant
5747	NC_027241	16893	goulds sunbird
5720	NC_025594	16802	long-tailed rosefinch
5715	NC_018804	16773	saffron-cowled blackbird
5698	NC_018801	16775	red-winged blackbird
5687	NC_020591	16673	hazel grouse
5646	NC_015200	16939	eurasian magpie
5609	NC_011196	16738	greylag goose
5594	NC_027847	17962	grey parrot
5566	NC_002783	16749	rhea
5514	NC_033973	16817	terek sandpiper
5393	NC_008410	17277	asiatic toad
5242	NC_036493	17325	Santa Barbara tree frog
5242	NC_026082	17952	besra
5238	NC_029146	17821	silveryeye
5237	NC_024268	17937	silver-throated bushtit
5197	NC_032058	17827	abyssinian white-eye
5142	NC_029846	17370	lesser kestrel
4897	NC_028510	17271	austrolebias
4447	NC_014175	16544	peninsular horned tree lizard

<b>score</b>	<b>NC</b>	<b>bp</b>	<b>common name</b>
4297	NC_032084	17165	grey burrowing snake
3705	NC_035150	18974	cat gecko
3584	NC_025923	20350	Eurasian bittern
1968	NC_023955	15782	freshwater pearl mussel
1850	NC_015342	15647	kudzu beetle
1799	NC_026104	15804	stonefly
1737	NC_034122	14913	congo termite
1713	NC_014887	15599	chinese grasshopper
1662	NC_013272	16518	brown marmorated stink bug
1637	NC_030265	15534	european mantis
1634	NC_033906	15872	Sinopodisma wulingshanensis
1564	NC_029168	15326	acasta sulcata
1514	NC_008221	15774	asian longhorned beetle
1477	NC_031858	16310	pacific star shell
1451	NC_035677	16130	bean weevil
1402	NC_014295	15895	eastern honey bee
1371	NC_015119	16803	snow scorpionfly
1338	NC_029498	15281	yellow-banded acraea
1333	NC_029510	15258	dancing acraea
1311	NC_026914	14948	water flea
1270	NC_016419	15140	east palearctic butterfly
518	NC_022827	18479	staghorn coral
404	NC_008161	14853	stony coral
230	NC_027943	16270	peruvian scallop
4	NC_021933	15282	millipede
-150	NC_016198	14281	giant roundworm
-204	NC_000894	20992	leishmania
-407	NC_019571	13913	cat lungworm
-630	NC_016197	13724	filarial nematode
-800	NC_001722	10359	hiv-2 (virus)
-3203	NC_023248	29999	anamorphic fungus
-5012	NC_035130	6363	australian mosquito
-5091	NC_007233	5990	monkey malaria parasite
-5599	NC_001499	5894	abelson (virus)
-11132	NC_016577	2633	AbMV (virus)
-13058	NC_020099	1670	copepod